iV14-Zero

Performance

Wall Thickness [mm]	≥ 255
Wall Opening Ø [mm]	225
Heat Recovery Rate [%]	87
Airflow (Heat Recovery Mode) [m³/h]	8.5 - 29
Airflow (Extract Air Mode) [m³/h]	17 - 58
Power Consumption [W]	1 - 3
Power Consumption per Airflow [W/(m³/h)]	0.15
Fan Voltage [V DC]	6 - 16
Sound Emission, 2m [dB(A)]	10 - 31
Standard Sound-Level Difference [dB]	48 - 56
Energy Label “ErP”	A+ / A

Features

Description	sound optimized decentralized mechanical ventilation system with heat recovery for new build and refurbishment
Inner Cover	inner cover “Flair Zero” 233 x 233 mm with integrated filter G4, airflow guidance function, quick closing, white RAL 9010
Outside Cover	weather protection hood “Flex Zero” 279 x 313 x 88 mm with grid, RAL 9016 / RAL 9006 / RAL 7011 / special color
Wall Sleeve	round wall sleeve Ø 200 mm in length 495 mm / 745 mm with integrated sound absorber made of Inventin®
Heat Recovery	regenerative heat recovery approach by solid ceramic cell with hexagonal structure, leading to heat recovery rate 87 % according to DIN EN 13141-8
Fan	highly efficient Xenion® reversible fan with 70s-cycles, fulfills S3-classification according to DIN EN 13141-8
Guide Vanes	inVENTron® guide vane technology
Ventilation Modes	heat recovery mode / ventilation mode
Frost Protection	-20 °C by reversible fan operation and temperature sensor

Controller / Additional Parts

Controller	sMove s4 / s8 or wireless control inVENTer Connect (Controller Easy Connect e16 with app control)
Sensor	sMove: CO_2-sensor CS1, HYG12, HYG18 inVENTer Connect: CS2, Humidity/Temperature in-/outside
Sound Protection	sound absorbing insert, sound protector
Filter	dust filter G4 (ISO Coarse 60%) included, options: pollen filter F5 (ISO Coarse 75%), activated carbon filter

Warranty*

5 year warranty for the fan, electronics and the wall sleeve, 30 year warranty for the ceramic cell

07/2021, Subject to technical changes. Dimension W x H x D

Ecological Building Systems

For stockist information and full technical support for your project, please contact Ecological Building Systems or visit www.EcologicalBuildingSystems.com

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